

a' than the Curie temperature of said reproducing layer and
recording layer.--

REMARKS

Applicant now seeks to add new claims 3-5 via reissue of U.S. Patent 5,831,944. Thus, the claims now pending are claims 1-2 in the originally issued patent, and newly presented claims 3-5.

The claims as originally issued are too narrow in scope in view of Applicant's invention as described in the teachings of the disclosure. The newly added claims are broader in some respects and narrower in other respects than the originally issued claims 1-2. Specifically, in terms of product limitations, claim 3 does not recite a third magnetic layer. However, claims 4 and 5 are directed to the additional element of an intermediate layer.

Further, the functional limitation in the preamble of originally issued claim 1, "adapted to be heated from a room temperature range to a medium temperature range above the room temperature range and to a high temperature range above the medium temperature range," is considered to be unnecessary in new claim 3, and has been deleted.

Support for claims 3-5 may be found in U.S. Patent

5,831,944 as shown in the following claim chart:

New Claims 3 - 5	Support
3. A magneto-optical recording medium comprising:	Col. 2, lines 46, 47
a readout layer, which has an in-plane magnetization at room temperature range, and which changes to a perpendicular magnetization in a temperature range above room temperature;	Col. 4, lines 1-6
a recording layer having a perpendicular magnetization in a temperature range between room temperature and its Curie temperature;	Col. 4, lines 6-10; Col. 4, lines 46-59
wherein the reproducing layer is magnetically coupled to the recording layer by magneto-static coupling	Col. 4, lines 36, 37; Col. 6, lines 10-20
4. further comprising an intermediate layer, wherein the intermediate layer is interposed between said reproducing and recording layer	Col. 4, lines 36-38 Col. 6, lines 34-43
5. wherein said intermediate layer has a Curie temperature lower than the Curie temperature of said reproducing layer and recording layer	Col. 6, lines 39-43

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Originally Issued Claim 1	New Claims 3-5
A magneto-optical recording medium adapted to be heated from a room temperature range to a medium temperature range above the room temperature range and to a high temperature range above the medium temperature range, said medium comprising:	3. A magneto-optical recording medium comprising:
a first magnetic layer, which has an in-plane magnetization at the room temperature range, and which changes to a perpendicular magnetization at the medium temperature range;	a readout layer, which has an in-plane magnetization at room temperature range, and which changes to a perpendicular magnetization in a temperature range above room temperature;
a second magnetic layer having a perpendicular magnetization; and	a recording layer having a perpendicular magnetization in a temperature range between room temperature and its Curie temperature; wherein the reproducing layer is magnetically coupled to the recording layer by magneto-static coupling
a third magnetic layer, wherein the third magnetic layer is interposed between said first and second magnetic layers, and has a Curie temperature lower than those of said first and second magnetic layers, and has an in-plane magnetization at the room temperature range and changes to a perpendicular magnetization at the medium temperature range.	<p>CLAIM 4:</p> <p>further comprising an intermediate layer, wherein the intermediate layer is interposed between said reproducing and recording layer</p> <p>CLAIM 5:</p> <p>wherein said intermediate layer has a Curie temperature lower than the Curie temperature of said reproducing layer and recording layer</p>

Entry and consideration of the claims found in this Preliminary Amendment and early passage to issue of this reissue application are earnestly requested.

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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